

N<sup>o</sup> 19,600



A.D. 1901  
DUPLICATE

Date of Application, 1st Oct., 1901—Accepted, 7th Dec., 1901

### COMPLETE SPECIFICATION.

#### Improvements in Fish Hooks.

I, WILLIAM GUINDON, Navigator, of 22, South Street New York, U.S.A., do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in, and by the following statement:—

This invention relates to fish-hooks, and it has for its object to provide an improved device of this class which shall be superior in point of positiveness of action in hooking the fish, durability and general efficiency.

In the drawings:

Figure 1 is a perspective view illustrating my improved fish-hook in operation.

Figure 2 is a detail front elevation of the improved fish-hook.

Figure 3 is a detail top plan view of the same.

Figure 4 is a front elevation of a modified form of construction.

Corresponding parts in all the figures are denoted by the same reference characters.

Referring to the drawings, 1 designates my improved fish-hook which may consist, in its main construction, of the shank-portion, 2, and hook-portion, 3, the shank-portion 2 being provided, according to my invention, with lateral wings or extensions, 4, which extend oppositely in a plane substantially at right angles to the plane of the shank and hook portions. The upper end of the shank-portion 2 may be provided with the customary eye or loop, 5, for connection with the fish-line.

The wings or extensions 4 are preferably angular in form, the outer sides of each of the same converging at a point, 6, which points are substantially opposite, or in a line drawn at right angles to the plane of the shank and hook portions.

In the preferred form of construction, the fish-hook consists of a single length of stiff wire, 7 which is formed at one end into the hook-portion. The wire 7 is then extended at an angle with the hook-portion, as at 8, to form one of the sides of one side extension 4; thence at an angle, as at 9, to form the other side of the same side extensions; thence looped to form the eye 5; thence extended at an angle, as at 10, to form one side of the opposite side extension 4; thence extended at an angle, as at 11, to form the other side of the same side extension 4 and finally connected, as at 12, with the main portion of the wire at the point of connection of the hook-portion 3 and the shank-portion 2. It will be seen from the above description, that the side extensions 4 constitute as well the shank-portion of the fish-hook, and consist of a substantially rectangular frame-shaped portion which is interposed between the hook-portion and the connection eye 5.

In Figure 4 is shown a modified form of construction in which the side extensions 4 are oppositely curved in form and the shank-portion 2 is consequently elliptical in form.

The operation and advantages of my improved fish-hook will be readily understood. This fish-hook is baited and used in the customary manner, and the purpose of the side extensions 4 is to cause the hook-portion to enter the mouth of the fish in such position with relation to the jaws that the hook-portion will be directly engaged with and firmly embedded in the upper or the lower jaw. It is a matter of common knowledge that a fish in taking a hook customarily grasps it at the side, instead of directly by the point of the hook-portion, and if

[Price 8d.]

# 43. FISHING & TRAPPING,

## Hooks.

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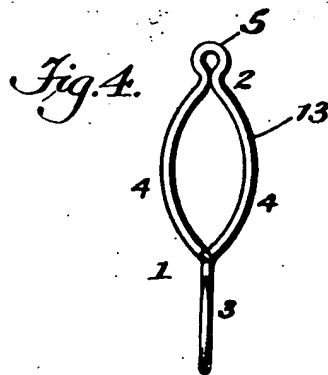
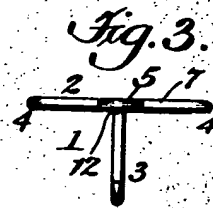
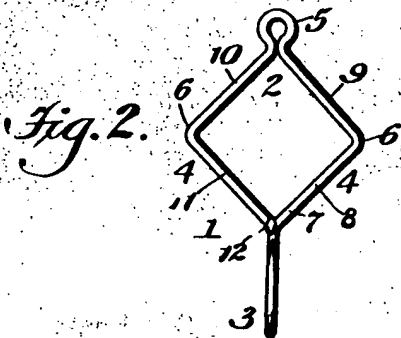
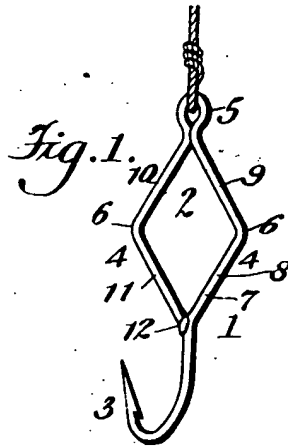
GUINDON'S COMPLETE SPECIFICATION.

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Hook



[This Drawing is a reproduction of the Original on a reduced scale]

*Guindon's Improvements in Fish Hooks.*

the said point becomes engaged with the jaws it is ordinarily with the soft yielding tissues at the sides of the mouth which do not afford a firm hold for the hook. With my improved fish-hook this operation is impossible, as the jaws of the fish will become engaged with the lateral extensions 4, which will turn the hook-portion inwardly into the proper position between the jaws of the fish, and enable the hook-portion to be firmly embedded in the upper or the lower jaw.

I do not desire to be understood as limiting myself to the details of construction and arrangement as herein described and illustrated, as it is manifest that variations and modifications may be made in the features of construction and arrangement, in the adaptation of the device to various conditions of use, without departing from the spirit and scope of my invention and improvements. I therefore reserve the right to all such variation and modification as properly fall within the scope of my invention and the terms of the following claims.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. An improved fish-hook, comprising the shank-portion and the hook-portion, the shank-portion being frame-shaped in form whereby lateral extensions are provided, and said lateral extensions being arranged in a plane substantially at right angles with the plane of the shank-portion and the hook-portion.
2. An improved fish-hook, comprising a frame-shaped shank-portion and a hook-portion, said fish-hook being composed of a single length of stiff wire which is formed at one end into the hook-portion and the other end of which is connected with the major portion of the wire at the point of junction of the shank-portion and the hook-portion, said wire being formed centrally into the frame-shaped shank-portion and a connection-eye.

Dated this 1st day of October, 1901.

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Agents.

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